

What is claimed is:

1. A method of combining retransmitted data, comprising the steps of:

5 storing received data determined as being abnormally received of received data received by a radio receiver and converted to a base band;

combining said stored received data with retransmitted received data; and

10 demodulating said combined data.

2. The method of combining retransmitted data according to claim 1, wherein said received data is phase-corrected and then stored, said retransmitted received data is
15 phase-corrected, and then said phase-corrected and stored received data is combined with said retransmitted and phase-corrected received data.

3. A method of combining retransmitted data, comprising
20 the steps of:

receiving a radio signal by an antenna, performing RF processing on the radio signal by a receiver for conversion to a base band frequency, and then determining whether the received data is retransmitted data;

25 when the received data is not retransmitted received data, demodulating and decoding the received data when the data is not abnormal, and abandoning the data after decoding and storing the received data in a memory when the received data is abnormal data;

30 when the received data is retransmitted received data, combining the retransmitted received data with

abnormal data stored in the memory the last time, and demodulating and decoding the combined data; and

determining whether the decoded data is normal, and ending processing when the decoding is normally performed, and abandoning the decoded data and storing the received data in the memory when the decoding is abnormally performed.

4. The method of combining retransmitted data according to claim 3, wherein:

said received data is phase-corrected and then stored, and

said retransmitted received data is phase-corrected, and then said phase-corrected and stored received data is combined with said retransmitted and phase-corrected received data.

5. A retransmitted data combining apparatus comprising: a memory for storing received data determined as being abnormally received of received data received by a radio receiver and then converted to a base band;

a combiner for combining said received data stored in said memory with retransmitted received data; and

a demodulator for demodulating said combined data combined by said combiner.

6. The retransmitted data combining apparatus according to claim 5, further comprising a phase corrector for phase-correcting received data, wherein said received data is phase-corrected by said phase corrector and then stored in said memory, and said retransmitted received

data is phase-corrected by said phase corrector and then combined with said received data stored in said memory in said combiner.